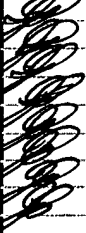
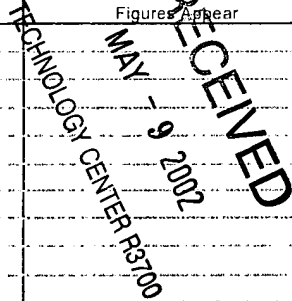



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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
	Application Number	09/683,392			
	Filing Date	December 20, 2001			
	First Named Inventor	Thomas G. Malone, et al.			
	Art Unit	1772 3727			
	Examiner Name	Jes F. Pascua			
Sheet	one	of	one	Attorney Docket Number	CARG. 03P

U.S. PATENT DOCUMENTS					
Examiner Initials ²	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		us. 4,262,045	04/14/1981	Cheng et al.	
		us. 4,284,674	08/18/1981	Sheptak	
		us. 4,618,517	10/21/1986	Simko, Jr.	
		us. 4,636,416	01/13/1987	Kratel et al.	
		us. 4,669,632	06/02/1987	Kawasaki et al.	
		us. 5,270,092	12/14/1993	Griffith et al.	
		us. 5,588,532	12/31/1996	[Pharo	
		us. 5,706,969	03/13/1998	Yamada et al.	
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FOREIGN PATENT DOCUMENTS							
Examiner Initials ²	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	- Number ⁴ - Kind Code ⁵ (if known)				
	DE	27 50 819		05/17/1979	Hurbert Hermkes		

Examiner Signature		Date Considered	3/12/03
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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